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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

EP-7592

First Inventor

Joseph W. Roos et al.

Title

LOWERING THE AMOUNT OF CARBON IN FLY ASH FROM BURNING COAL BY A
MANGANESE ADDITIVE TO THE COAL

Express Mail Label No.

ER127286432US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) and fee calculation

2. ☐ Applicant claims small entity status. See 37 CFR 1.27.

3. ☒ Specification [Total Pages 15]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]

5. Oath or Declaration [Total Pages]

- a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)

i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the prior application is omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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Registration No. (Attorney/Agent)

32,486

Signature

Dennis H. Rainear

Date

July 18, 2003

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21910 U.S. PTO
10/623092
07/18/03

TRANSMITTAL

In Re Application of: Joseph W. Roos et al.)
 Serial Number: Not yet assigned) Examiner: Not yet assigned
 Filed: July 17, 2003) Art Group: Not yet assigned
 For: **LOWERING THE AMOUNT OF CARBON IN**)
FLY ASH FROM BURNING COAL BY A)
MANGANESE ADDITIVE TO THE COAL)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **ER127286432US**) on July 18, 2003, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Beth Earnest
 Beth Earnest

Mail Stop Patent Application
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Utility Patent Application Transmittal, PTO/SB/05 with
 Customer Number Bar Code Label attached
 Application for Patent (15 pages, 20 claims)
 Two Drawing Sheets (Figures 1 and 2)
 Return Postcard

The claim fee has been calculated as shown below:

				Other than a Small Entity	
	Claims	Highest Number Previously Paid for	Extra Claims Present	Rate	Additional Claim Fee
TOTAL	20			X 18=	\$
INDEPENDENT	6		3	X 84=	\$252.00
Yes ___ No <u>X</u>	First Presentation of Multi-Dep. Claim			+ 280=	\$
				TOTAL	\$252.00

☒ Please charge my Deposit Account No. 05-1372 in the amount of \$1,002.00 (\$750.00 basic filing fee – utility, and \$252.00 in claim fees). A duplicate copy of this sheet is attached.

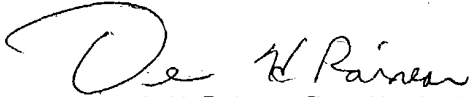
☐ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

ETHYL CORPORATION


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Date: July 18, 2003